Directions

Glance 'n Go Sampling for Greenbugs in Winter Wheat

Treatment Threshold = 11 Greenbugs/Tiller

Fall		(ASI I
Edition	_	OKLAHOMA COOPERATIVE EXTENSION SERVICE

Economic Thresholds for September - December

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- ► To sample the wheat field, use a "zig zag" or "W" pattern and walk at least 15 steps (about 30 ft) between stops.
- ► Carefully pull and examine 3 tillers (stems) per stop, taking one tiller from the left, right, and front.
- At each stop, color in the leaf for each tiller that has one or more greenbugs on it, and keep a running total. If the number of infested tillers is less than or equal to the number in the "Don't Treat" column then stop sampling, and do not treat. If the number of infested tillers is equal to or greater than the number in the "Treat" column then stop sampling, and treat the field. If the number falls within the numbers listed in the "Keep Sampling" column, continue sampling until a decision can be made, or the "Stop Sampling" box has been reached.
- ▶ If the "Stop Sampling" box is reached and a decision is not made:
 - ▶ Do not spray if most of the greenbugs are mummies.
 - ▶ Recheck the field in 2-4 days if no or very few mummies are present.

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Field 1

Date

Fall, Threshold = 11

Sample ▼			ch tiller that has 1 o	0 ft. and look at 3 tillers ller that has 1 or more greenbugs				Keep Sampling	Treat
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼	▼
Γillers 1-15 ►	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	۵۵۵	▶ /15 ▶	6 or less	7-15	N/A
Γillers 16-30 ▶	$\Diamond \Diamond \Diamond$		$\Diamond \Diamond \Diamond$	٥٥٥	۵۵۵	▶ /30 ▶	15 or less	16-26	27 or more
Γillers 31-45 ▶	٥٥٥	٥٥٥	٥٥٥	۵۵۵	۵۵۵	▶ /45 ▶	27 or less	28-37	38 or more
Γillers 46-60 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	۵۵۵	٥٥٥	► /60 ►	38 or less	39-48	49 or more
Γillers 61-75 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	► /75 ►	49 or less	50-60	61 or more
Γillers 76-90 ▶	$\Delta\Delta\Delta$	$\Diamond \Diamond \Diamond$	$\Delta\Delta\Delta$	$\Delta\Delta\Delta$	۵۵۵	▶ /90 ▶	60 or less	61-71	72 or more

Field 2

Date

Fall, Threshold = 11

Sample ▼	Stop 1		ry 30 ft. and look at ch tiller that has 1 o Stop 3		Stop 5	Total tillers with 1 or more greenbugs	Don't Treat	Keep Sampling	Treat
Tillers 1-15 ▶	۵۵۵	٥٥٥	۵۵۵	٥٥٥	۵۵۵	0 0	6 or less	7-15	N/A
Tillers 16-30 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /30 ▶	15 or less	16-26	27 or more
Tillers 31-45 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /45 ▶	27 or less	28-37	38 or more
Tillers 46-60 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /60 ▶	38 or less	39-48	49 or more
Tillers 61-75 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	۵۵۵	▶ /75 ▶	49 or less	50-60	61 or more
Tillers 76-90 ▶	٥٥٥	٥٥٥	۵۵۵	۵۵۵	۵۵۵	▶ /90▶	60 or less	61-71	72 or more

Resample in 2-4 day

Field 3		Date	F	all, Thresho	old = 11			OKI	ANSU AHOMA COOPERATIVE EXTENSION SERVICE
Sample ▼		Total tillers with 1 or more	Don't Treat	Keep Sampling	Treat				
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ 0	▼
Tillers 1-15 ▶	$\Diamond\Diamond\Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	۵۵۵	▶ /15▶	6 or less	7-15	N/A
Tillers 16-30 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /30 ▶	15 or less	16-26	27 or more
Tillers 31-45 ▶	$\Diamond \Diamond \Diamond$	$\delta \delta \delta$	٥٥٥	٥٥٥	٥٥٥	▶ /45 ▶	27 or less	28-37	38 or more
Tillers 46-60 ▶	٥٥٥	$\delta\delta\delta$	٥٥٥	٥٥٥	٥٥٥	▶ /60▶	38 or less	39-48	49 or more
Tillers 61-75 ▶	٥٥٥	000	٥٥٥	٥٥٥	٥٥٥	▶ /75 ▶	49 or less	50-60	61 or more
Tillers 76-90 ▶	٥٥٥	۵۵۵	۵۵۵	٥٥٥	۵۵۵	▶ /90▶	60 or less	61-71	72 or more
		Stop Samplin	g Resamp	le in 2-4 days					

Sample ▼		Total tillers with 1 or more	Don't Treat	Keep Sampling	Treat				
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ Ŭ	▼
Tillers 1-15 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	▶ /15▶	6 or less	7-15	N/A
Tillers 16-30 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	► /30 ►	15 or less	16-26	27 or more
Tillers 31-45 ▶	٥٥٥	۵۵۵	٥٥٥	٥٥٥	٥٥٥	▶ /45 ▶	27 or less	28-37	38 or more
Tillers 46-60 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /60▶	38 or less	39-48	49 or more
Tillers 61-75 ▶	$\delta \delta \delta$	٥٥٥	$\delta\delta\delta$	۵۵۵	٥٥٥	▶ /75 ▶	49 or less	50-60	61 or more
Tillers 76-90 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	۵۵۵	▶ /90 ▶	60 or less	61-71	72 or more

Field 5 Date Fall, Threshold = 11

Sample ▼	Mark a leaf for each tiller that has 1 or more greenbugs					Total tillers with 1 or more	Don't Treat	Keep Sampling	Treat
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ 5	\blacksquare
Tillers 1-15 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	۵۵۵	▶ /15▶	6 or less	7-15	N/A
Tillers 16-30 ▶	۵۵۵	۵۵۵	۵۵۵	۵۵۵	۵۵۵	▶ /30 ▶	15 or less	16-26	27 or more
Tillers 31-45 ▶	$\delta\delta\delta$	$\Diamond\Diamond\Diamond$	$\Diamond\Diamond\Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /45▶	27 or less	28-37	38 or more
Tillers 46-60 ▶	٥٥٥	$\Diamond\Diamond\Diamond$	$\Diamond\Diamond\Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /60▶	38 or less	39-48	49 or more
Tillers 61-75 ▶	٥٥٥	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	۵۵۵	▶ /75 ▶	49 or less	50-60	61 or more
Tillers 76-90 ▶	000	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	۵۵۵	▶ /90 ▶	60 or less	61-71	72 or more